

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 277 - L2 Version 6
Chandra X-Ray Center

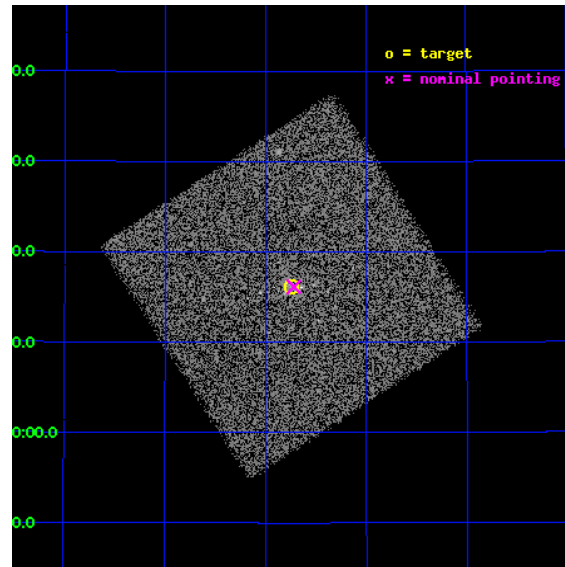
L2 Processing Date : Sep 2 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

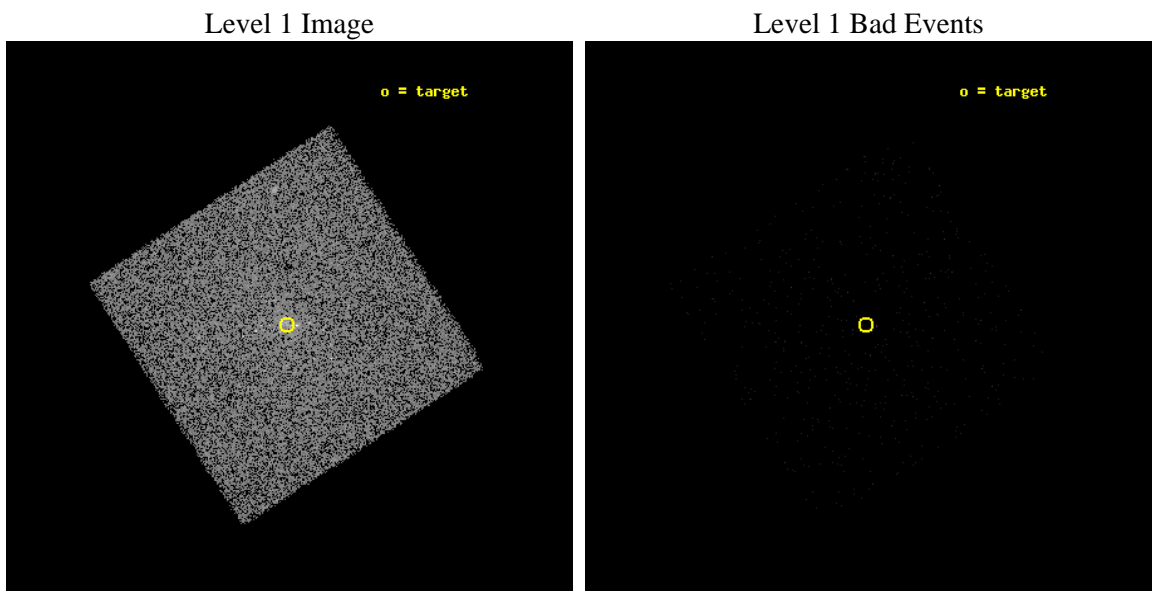
seq_num	600037	Sequence number
obs_id	277	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.679523551124	Nominal RA [deg]
dec_nom	41.269242420792	Nominal Dec [deg]
roll_nom	192.15631903894	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1194.3812950999	[s]
livetime	1187.1952855823	Ontime multiplied by DTCOR
l2events	45258	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1194.3812950999	[s]
caldbver	4.5.1.1	 	l1events	81435	Number of level 1 events
date	2012-09-02T09:33:12	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

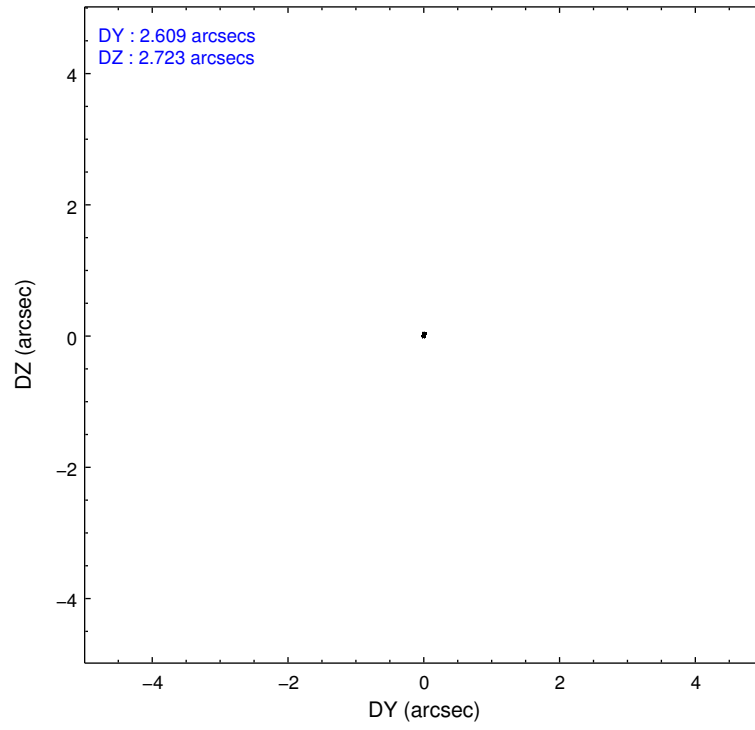
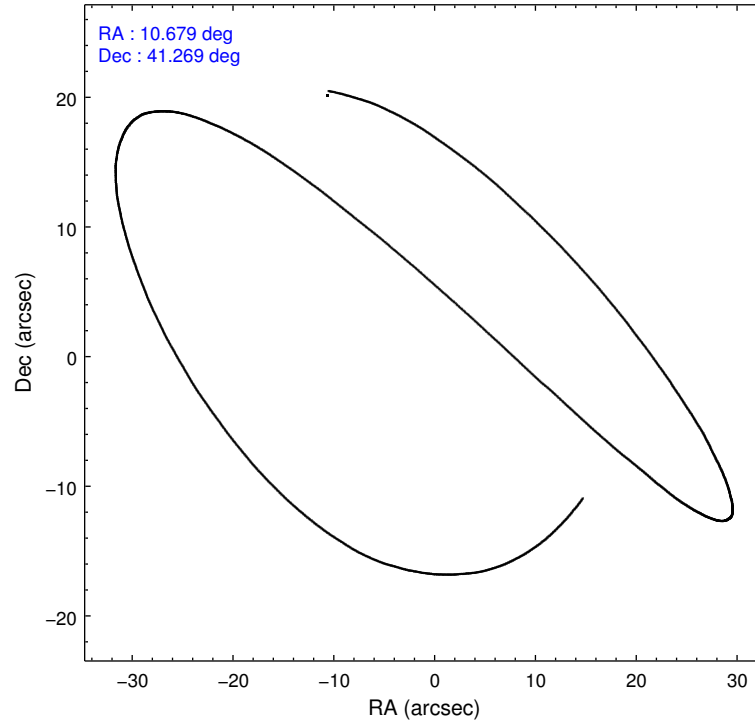
	segment 0
level 1 events	81435
rejected events	16681
rejected %	20%

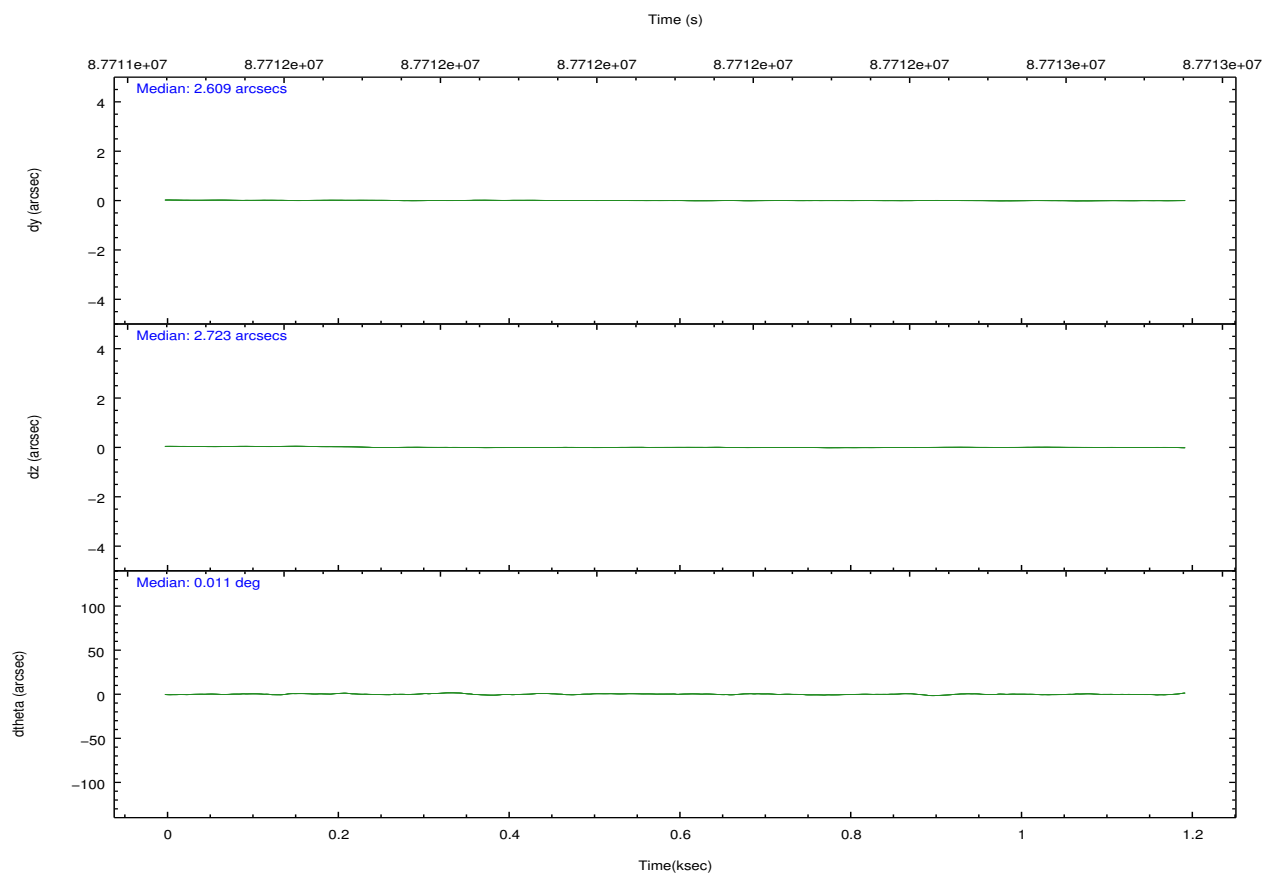
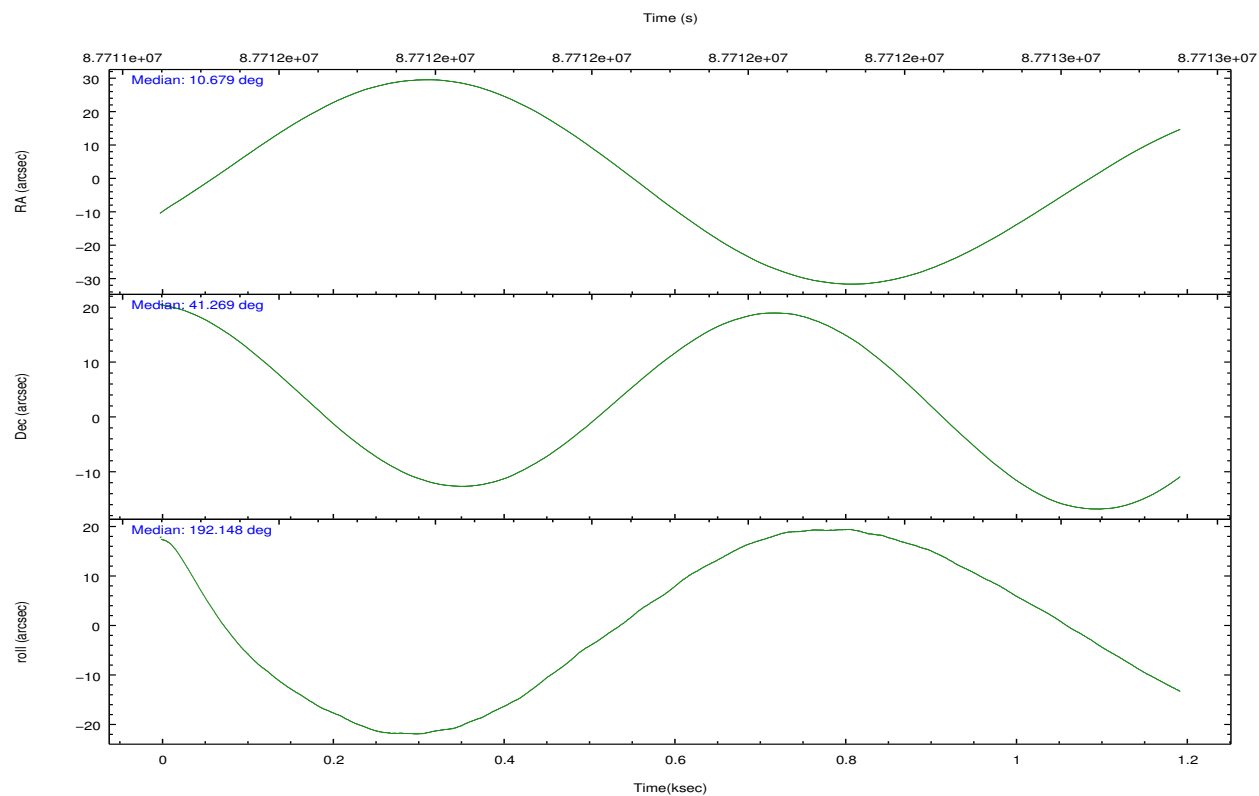
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	10.705717	10.67952355112403
[deg] Pointing Dec	41.288377	41.2692424207919
[deg] Pointing Roll	192.234431	192.1563190389388
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	87711696.184000	87711319.41052499
Observation start date	2000-10-12T04:20:32	2000-10-12T04:15:19
[s] Observation end time (MET)	87712696.184000	87712829.748082
Observation end date	2000-10-12T04:37:12	2000-10-12T04:40:29

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



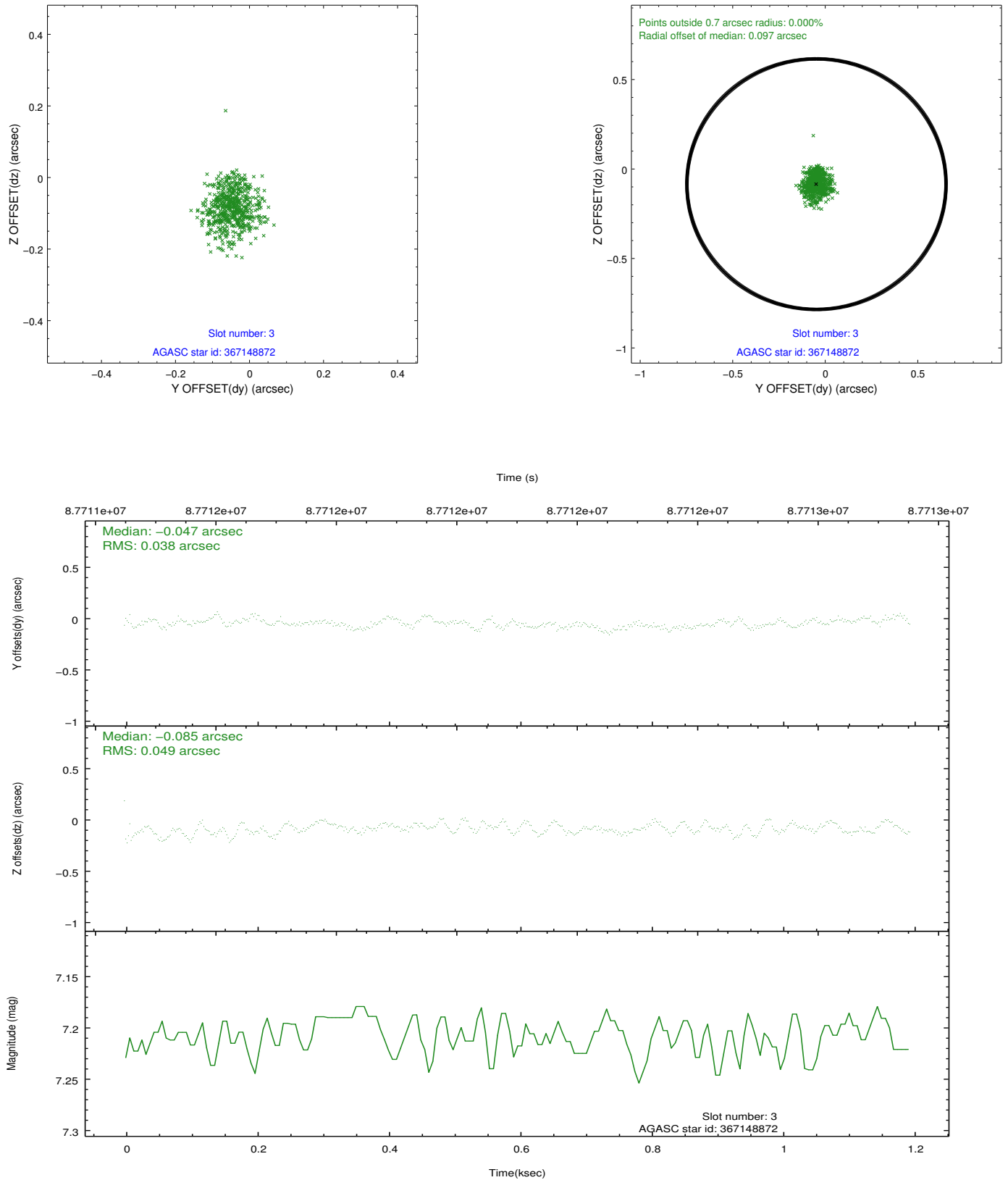


Slot Statistics

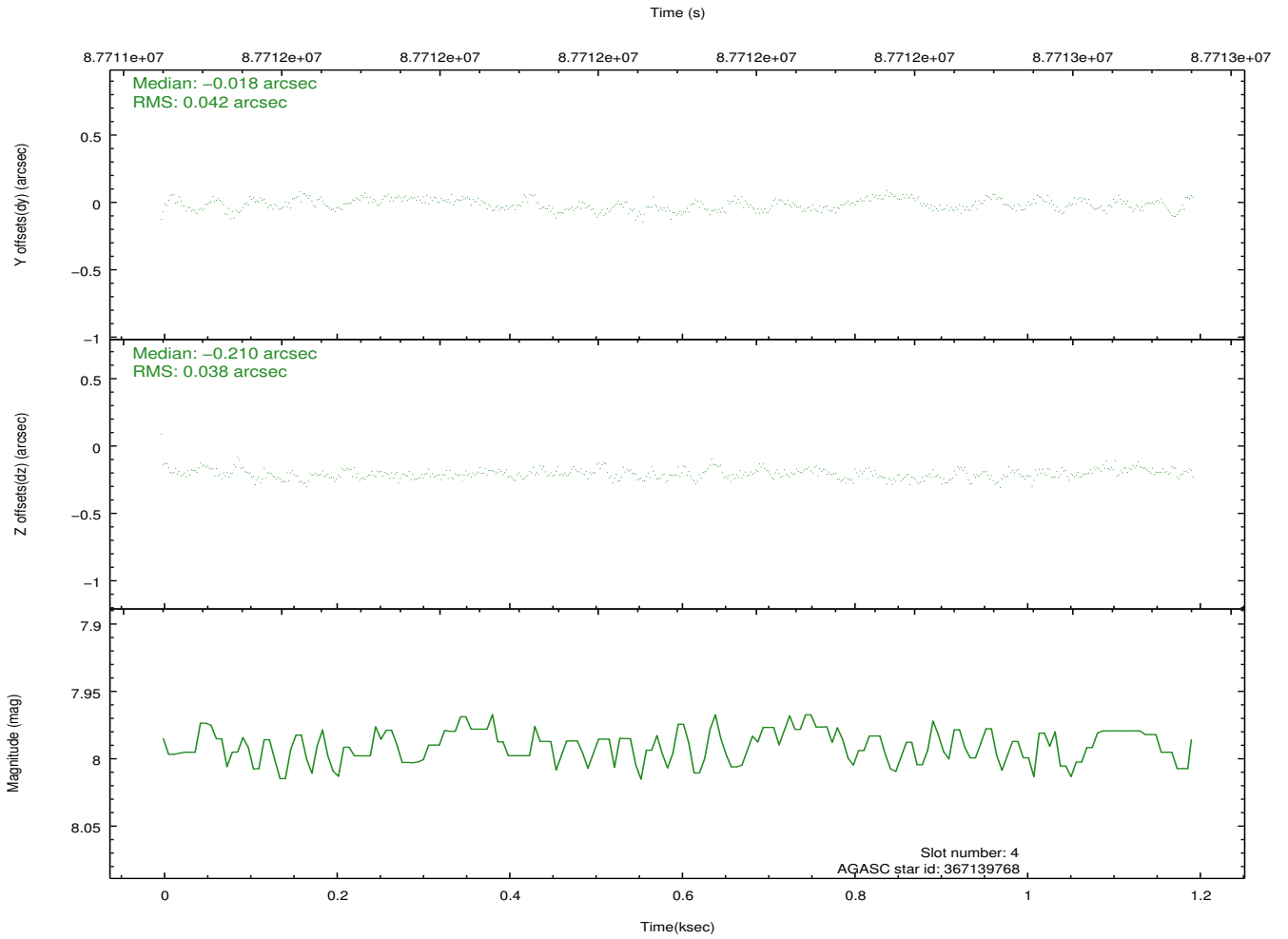
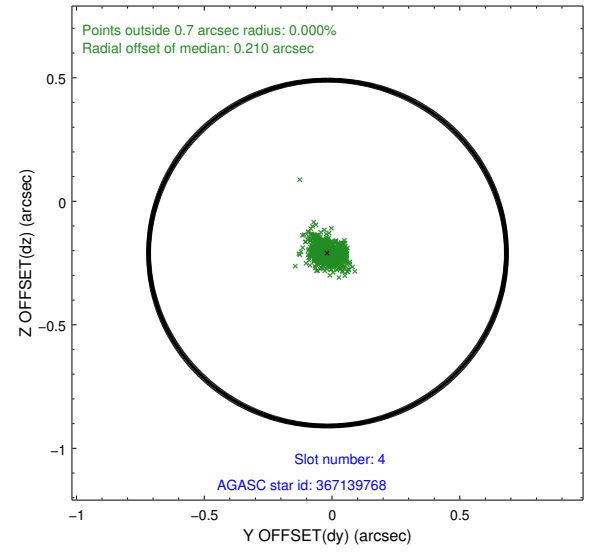
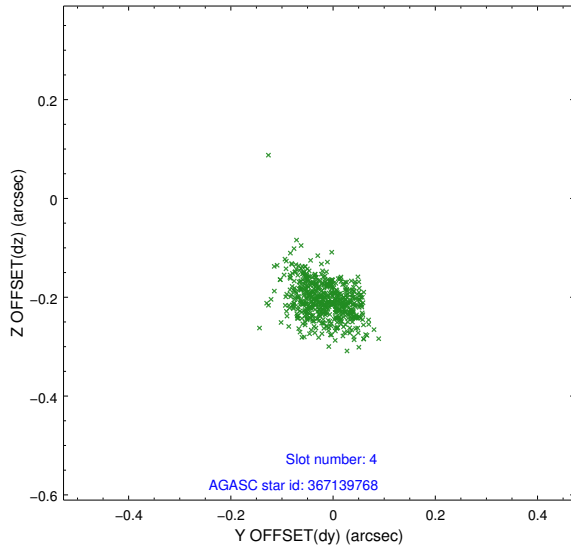
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	292	0.036	0.008	0.006	0.008	0.000000	0.000000	-758.09	-1290.41
1	FID	HRC-I-2	7.01	292	0.075	-0.052	0.007	0.011	0.000000	0.000000	851.98	-1296.52
2	FID	HRC-I-4	7.01	292	0.005	-0.047	0.005	0.009	0.000000	0.000000	1287.67	1007.18
3	GUIDE	367148872	7.21	584	-0.047	-0.085	0.068	0.101	10.505940	40.688258	989.83	1994.29
4	GUIDE	367139768	7.99	584	-0.018	-0.210	0.059	0.096	11.069715	40.685175	-510.61	2332.88
5	GUIDE	367146616	8.86	584	0.100	0.021	0.066	0.113	11.418645	41.190163	-1815.67	749.80
6	GUIDE	367671800	9.42	584	-0.037	0.187	0.098	0.161	10.554735	41.964935	-124.51	-2465.86
7	GUIDE	367665472	9.49	582	0.007	0.073	0.091	0.151	10.241611	41.730843	879.87	-1829.26

2.4 Star Slots

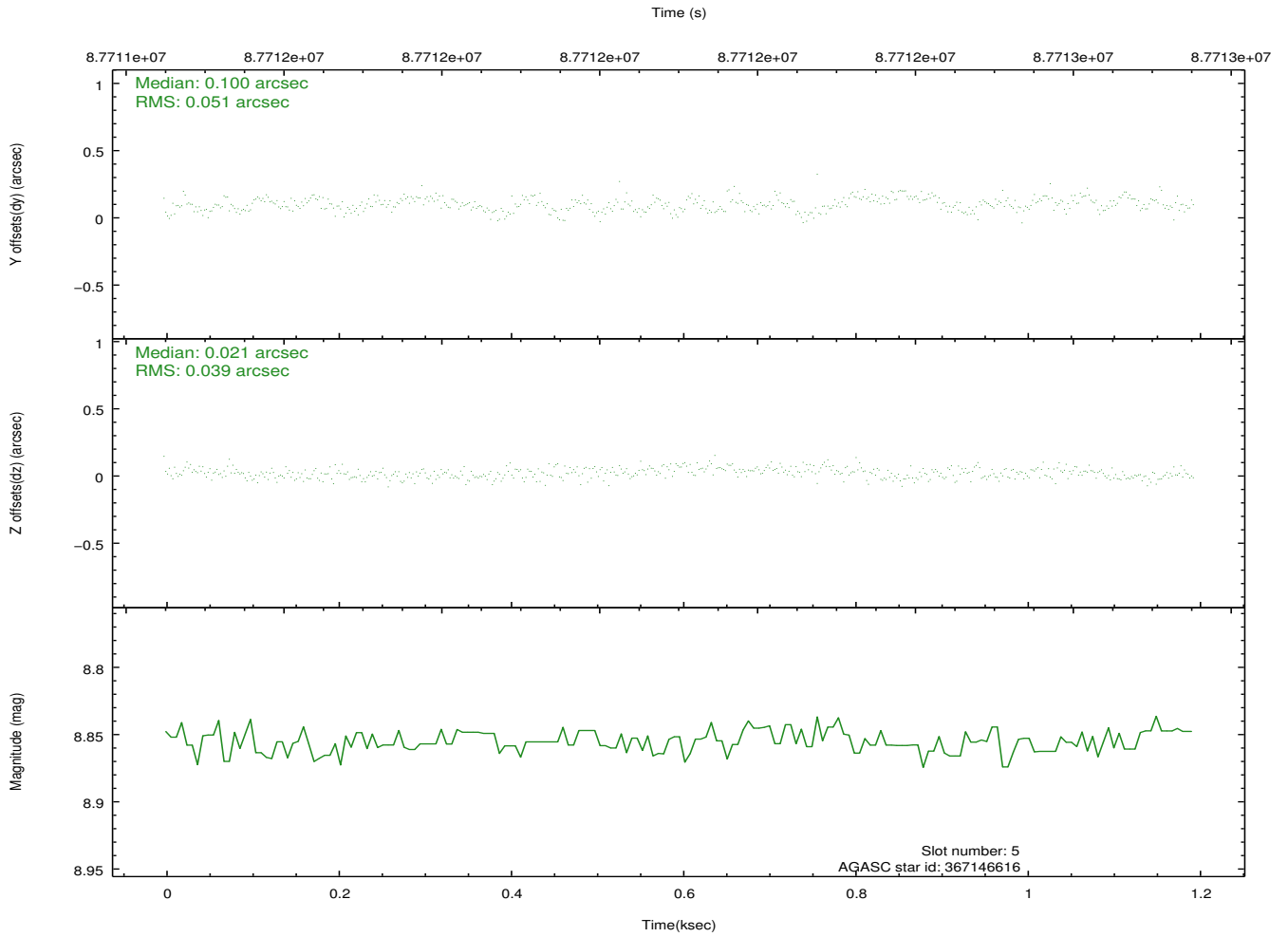
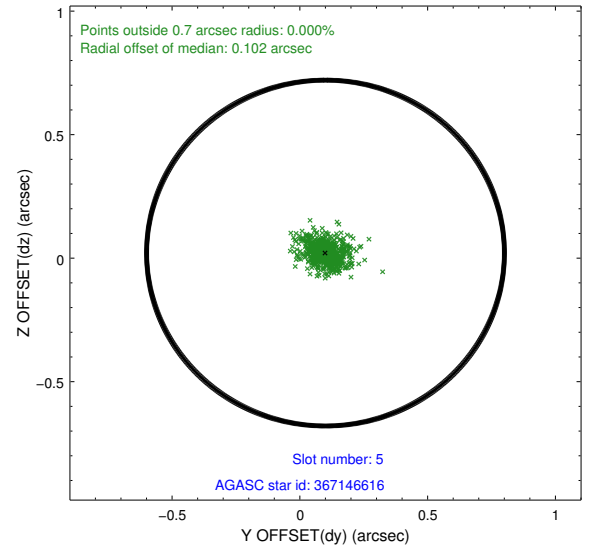
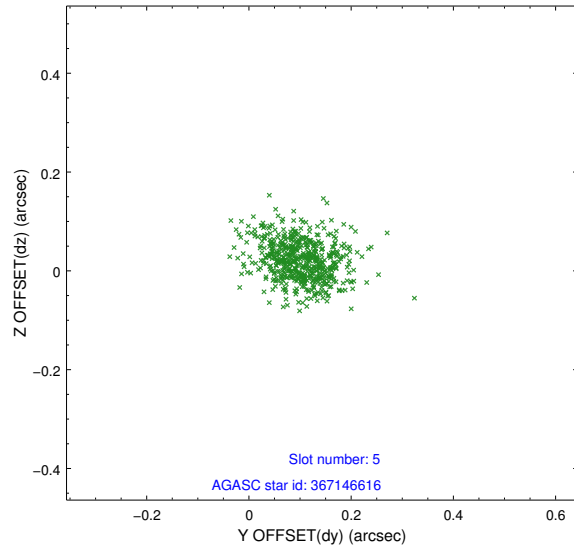
2.4.1 Slot 3



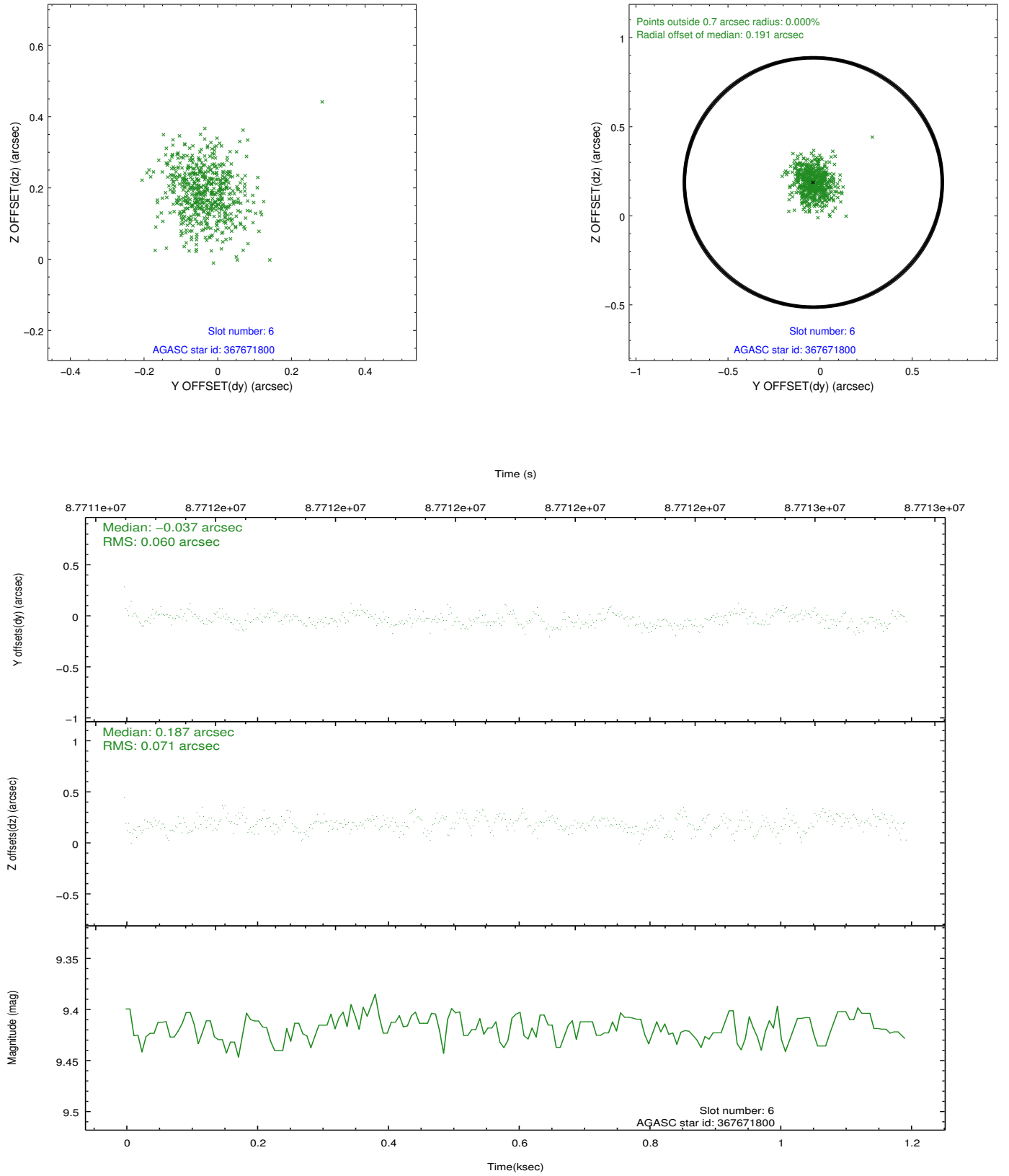
2.4.2 Slot 4



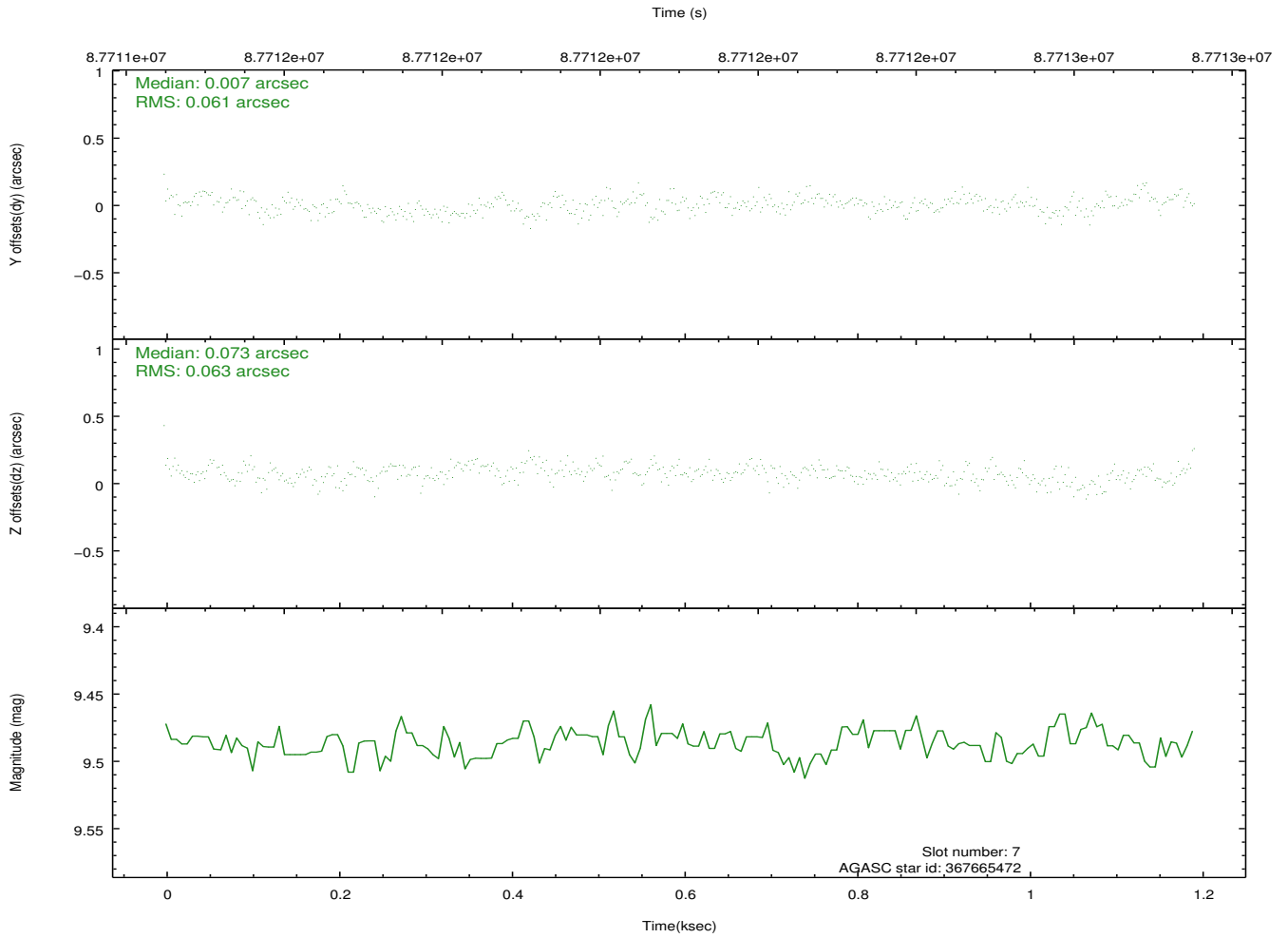
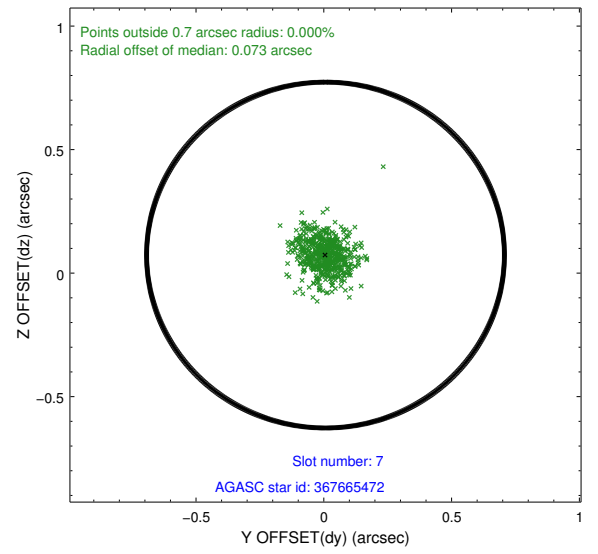
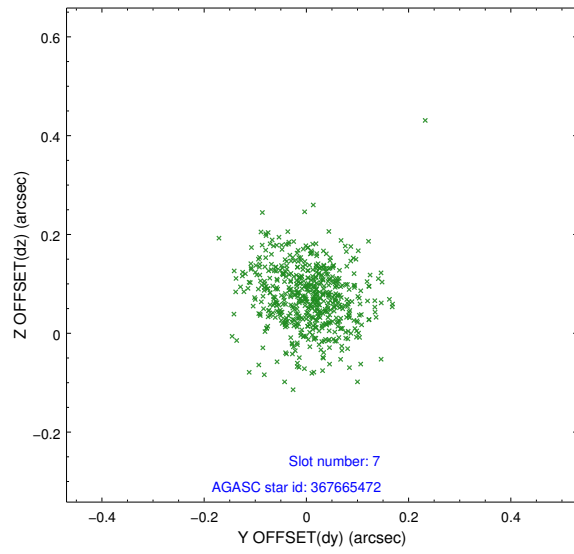
2.4.3 Slot 5



2.4.4 Slot 6

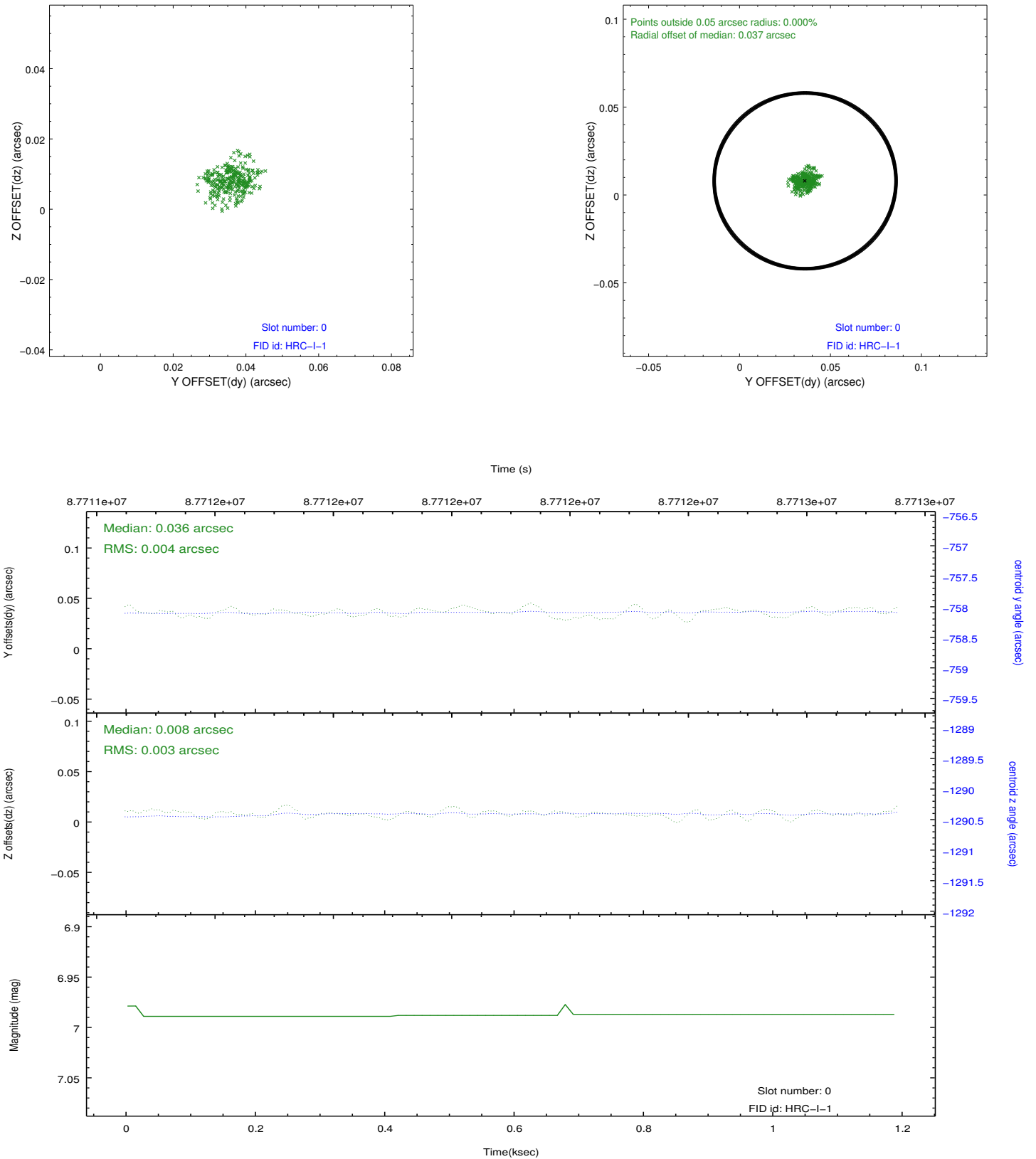


2.4.5 Slot 7

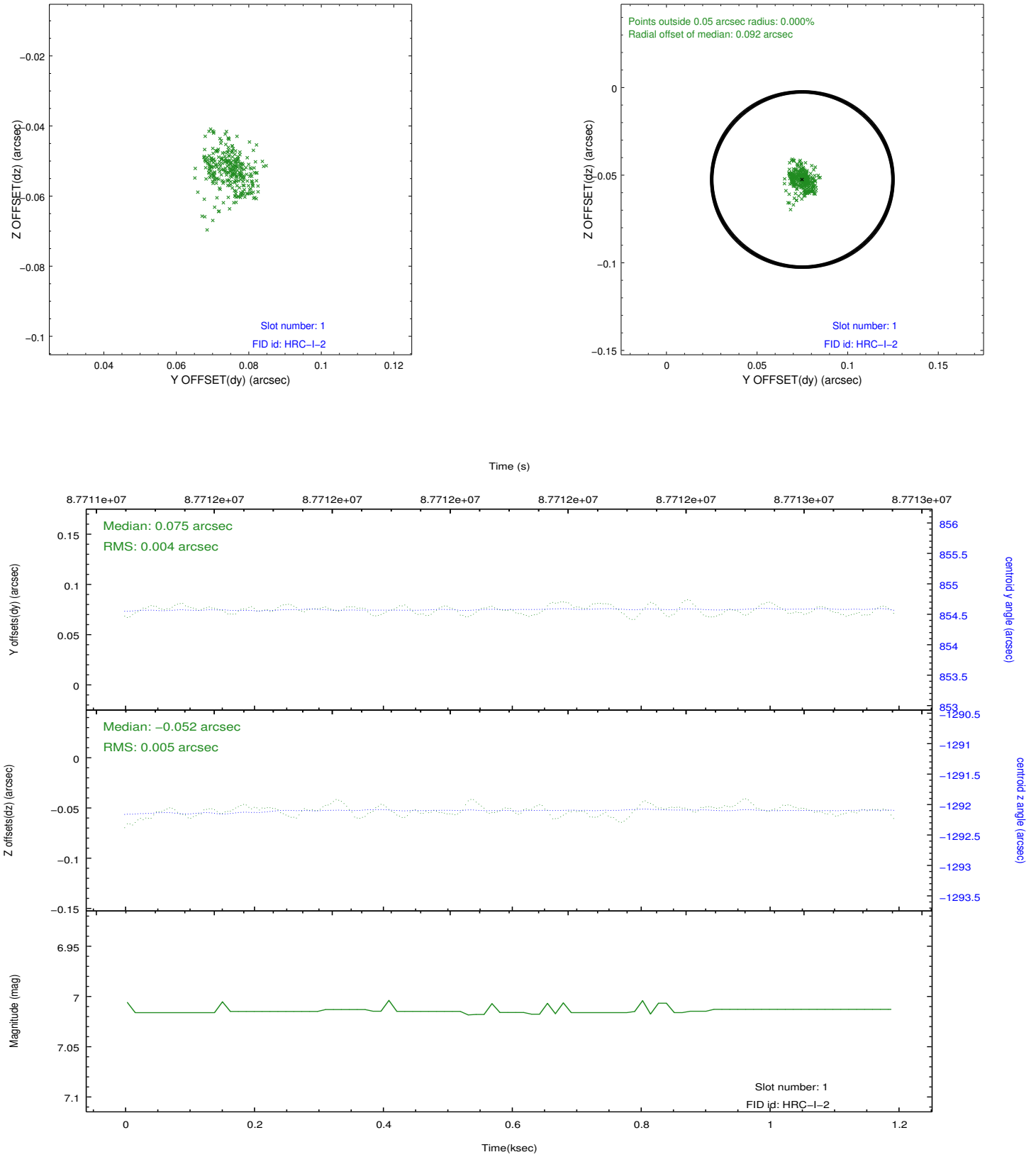


2.5 FID Slots

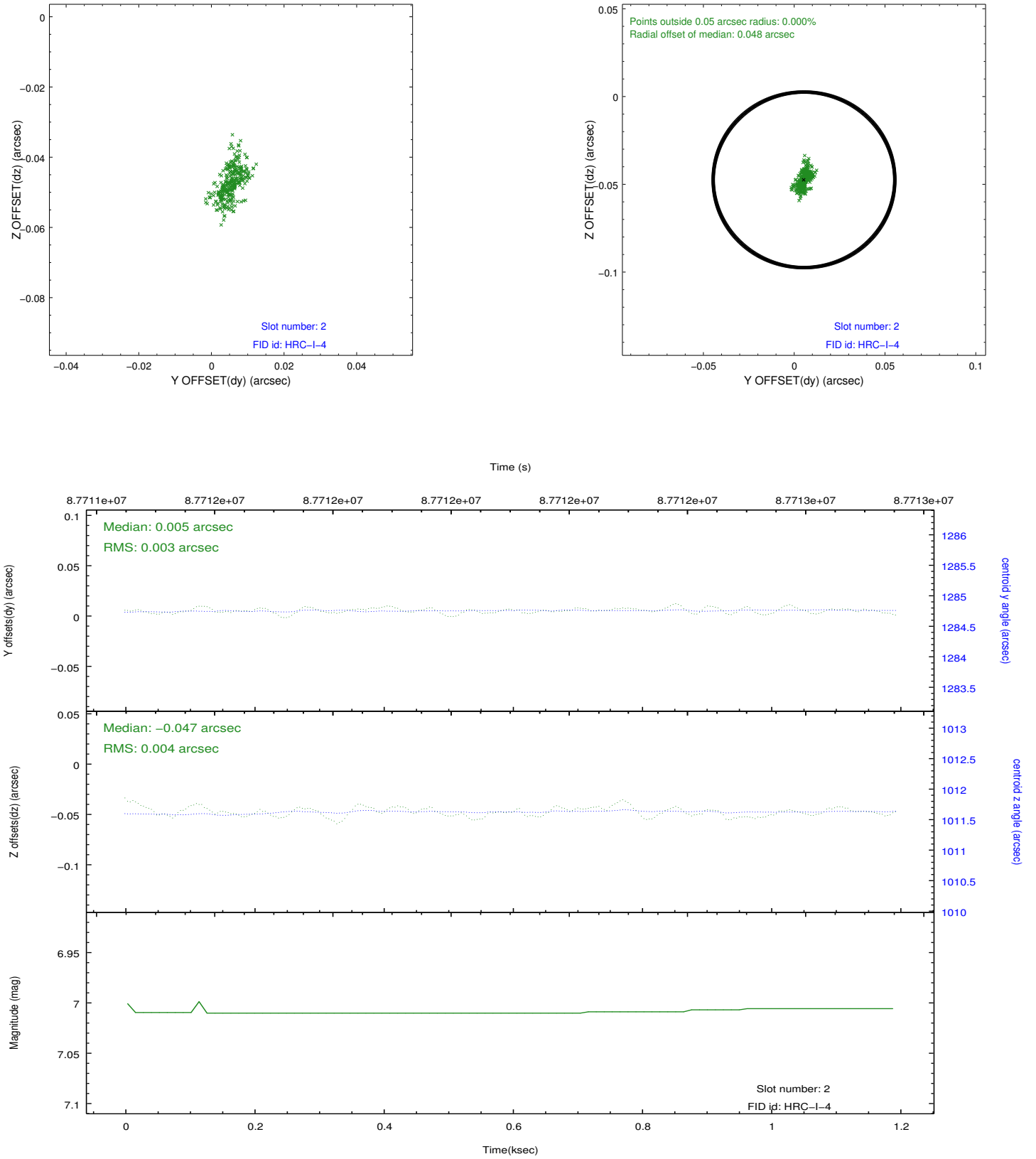
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments